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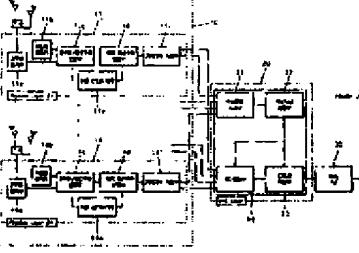
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(54) HIGH VELOCITY DATA TRANSMISSION APPARATUS OF RADIO LOCAL AREA NETWORK

(57) Abstract:

PURPOSE: A high velocity data transmission apparatus is provided to enable a high velocity data transmission and multimedia service via a radio channel by employing a reverse multiplexing in a radio network such as a radio LAN(Local Area Network). CONSTITUTION: A physical hierarchy block(10) has a number of physical hierarchies(11-14) for data transmission/receipt of a number of subscribers. A medium access protocol block(20) matches a receiving electric field intensity transmitted from the number of physical hierarchies(11-14) in the physical hierarchy block(10), determines secured channels according to the matched received electric field intensity, and reverse multiplexes user data according to number of the secured channels to transmit the data to the physical hierarchy block(10). A bus interface(30) mutually interfaces data between the medium access protocol block(20) and a higher protocol.



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